

Contributors to This Issue

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A. DESCLOUX, Math. Dipl., 1948, Swiss Federal Institute of Technology, Zürich; Ph.D. (Mathematical Statistics), 1961, University of North Carolina. After spending 1955–56 on the staff of the University of Washington where he taught mathematics and statistics, Mr. Descloux joined Bell Laboratories in 1956. At Bell Laboratories, he

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ROBERT J. GROW, B.S. (Electrical Engineering), 1973, University of Utah; Bell Laboratories, Summer 1972. Mr. Grow carried out the experimental work associated with loss in single-mode optical waveguide junctions reported herein.

JOHN O. LIMB, B.E.E., 1963, and Ph.D., 1967, University of Western Australia; Research Laboratories, Australian Post Office, 1966–1967; Bell Laboratories, 1967—. Mr. Limb has worked on the coding of picture signals to reduce channel capacity requirements involving intraframe coding, frame-to-frame coding, and the coding of color signals. He currently heads the Visual Communication Research Department. Member, IEEE, Association for Research in Vision and Ophthalmology, Optical Society of America.

WANDA L. MAMMEL, A.B. (Mathematics), 1943, Winthrop College; M.Sc. (Applied Mathematics), 1945, Brown University; Bell Laboratories, 1956—. Ms. Mammel is engaged in finding mathematical methods for the numerical solution of a variety of problems. In particular, she has applied linear programming techniques to problems of crystal plasticity. At present, she is working on problems in microwave propagation and optical waveguides.

DIETRICH MARCUSE, Diplom Vorpruefung, 1952, Dipl. Phys., 1954, Berlin Free University; D.E.E., 1962, Technische Hochschule, Karlsruhe, Germany; Siemens and Halske (Germany), 1954–57; Bell Laboratories, 1957—. At Siemens and Halske, Mr. Marcuse was engaged in transmission research, studying coaxial cable and circular waveguide transmission. At Bell Laboratories, he has been engaged in studies of circular electric waveguides and work on gaseous masers. He spent one year (1966–1967) on leave of absence from Bell Laboratories at the University of Utah. He is presently working on the transmission aspect of a light communications system. Mr. Marcuse is the author of two books. Fellow, IEEE; member, Optical Society of America.

M. ROBERT PINNEL, B.Sc. (E.E.), 1966, M.Sc. (Met.E.), 1968, and Ph.D. (Materials Sci.), 1970, Drexel University; Bell Labora-

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JACK SALZ, B.S.E.E., 1955, M.S.E., 1956, and Ph.D., 1961, University of Florida; Bell Laboratories, 1961—. Mr. Salz first worked on the remote line concentrators for the electronic switching system. He has since engaged in theoretical studies of data transmission systems, and is currently a supervisor in the Advanced Data Communications Department. During the academic year 1967–68 he was on leave as Professor of Electrical Engineering at the University of Florida. Member, Sigma Xi.

